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IN THE CLAIMS:

Please CANCEL claims 8 - 18 without prejudice.

class) 741 sub 734

Please **REWRITE** Claims 1 - 7 as follows:

- 1. (amended) A lacquer composition useful as a propellant, comprising:
 - (a) from about 15 to about 70 wt% of/an organic solvent;
 - (b) from about 0.1 to about 2.5 wt% of a stabilizer;
 - (c) optionally, from about 0% to about 40 wt% of an energetic plasticizer;
 - (d) optionally, from about 0 to about 10 wt% of a nonenergetic plasticizer;
 - (e) optionally, from about 0 to about 10 wt% water;
 - (f) optionally, from about 15 wt% of additional additives;

balance being nitrocellulose; all weight percents based on the total weight of said composition, and wherein said lacquer composition has a viscosity of less than 10 million centipoise when processed; and

wherein said lacquer composition is processed into perforated propellant grains.

- 2. (amended) The lacquer composition of claim 1, wherein said organic solvent is selected from the group consisting of ethyl acetate, ether, acetone, and combinations thereof.
- 3. (amended) The lacquer composition of claim 1, wherein said stabilizer is selected from the group consisting of diphenylamine, ethyl centralite, diethyldiphenylurea, 2-nitrodiphenylamine, N-nitrosodiphenylamine, and combinations thereof.
- 4. (amended) The lacquer composition of claim 1, wherein said optional energetic plasticizer is selected from the group consisting of nitroglycerin, ethylene glycol esters, methylene glycols, glycol esters, bis(2,2-dinitropropyl)formal acetal ,and combinations thereof.

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5. (amended) The lacquer composition of claim 1, wherein said optional nonenergetic plasticizer is selected from the group consisting of dibutylphthlate, adipate esters, and combinations thereof.

6? (amended) The lacquer composition of claim 1, wherein said optional additional additives are selected from the group consisting of lubricants; coolants; barrel wear additives; flash suppressants; decoppering agents; energetic solids, and combinations thereof.

- 7. (amended) A lacquer composition useful as a propellant, said lacquer composition consisting essentially of:
- (a) from about 30 to about 65 wt% of an organic solvent selected from the group consisting of ethyl acetate, ether, acetore, and combinations thereof;
- (b) from about 0.25 to about 1.5 wt% of a stabilizer selected from the group consisting of diphenylamine, ethyl centralite, diethyldiphenylurea, 2-nitrodiphenylamine, N-nitrosodiphenylamine, and combinations thereof;
- (c) optionally, from about 5% to about 25 wt% of nitroglycerin as an energetic plasticizer;
- (d) optionally, from about 0 to about 3 wt% of a nonenergetic plasticizer selected from the group consisting of dibutylphthlate, adipate esters, and combinations thereof;
 - (e) optionally, from about from about 0 to about 4 wt% water;
- (f) optionally, from about 0 to about 15 wt% of additional additives selected from the group consisting of lubricants; coolants; barrel wear additives; flash suppressants; decoppering agents; energetic solids, and combinations thereof;

balance being pitrocellulose; and

wherein all weight percents are based on the total weight of said composition, and wherein said lacquer composition has a viscosity of between 1 million and 3 million centipoise and wherein said lacquer composition is processed into perforated propellant grains.

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Please **ADD** new claims 19 - 24 as follows:

19. The lacquer composition of claim 1, wherein said processed perforated propellant grains have a circular cross-section.

20. The lacquer composition of claim 1, wherein said processed perforated propellant grains have an ellipsoid cross-section.

21. The lacquer composition of claim 1, wherein said processed perforated propellant grains have outwardly extending tidges.

22. The lacquer composition of claim 7, wherein said processed perforated propellant grains have a circular cross-section.

23. The lacquer composition of claim 7, wherein said processed perforated propellant grains have an ellipsoid cross-section.

24. The lacquer composition of claim 7, wherein said processed perforated propellant grains have outwardly extending ridges.